FIG. 1

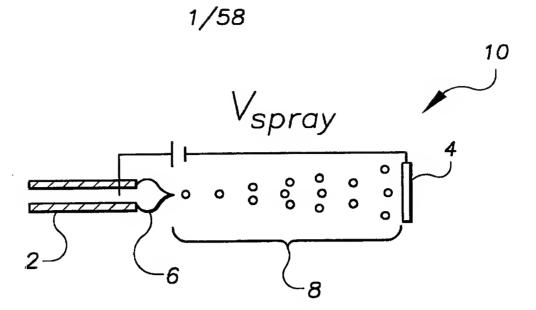


FIG.2A
PRIOR ART

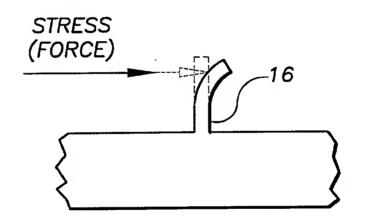


FIG.2B

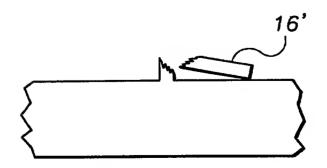


FIG.3A

24

22

20

23

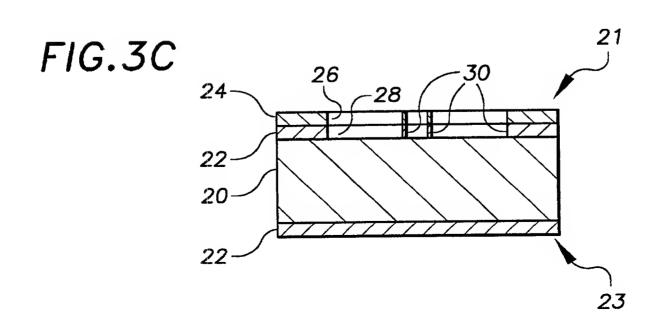
FIG.3B

21

24

3c

3c



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FIG.3D

30
30
30
32
21
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22
23

FIG.4A

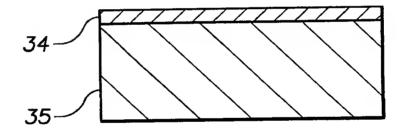
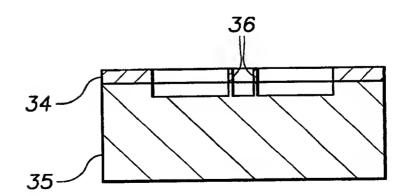


FIG.4B



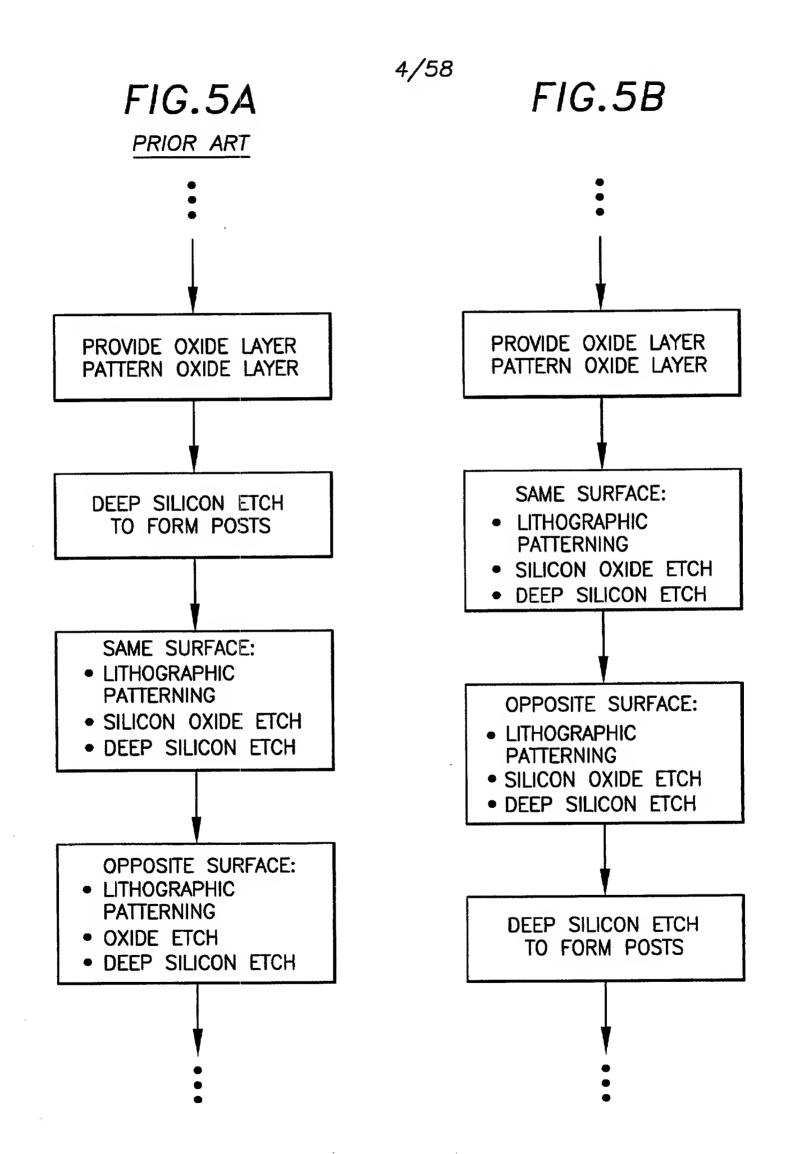


FIG.6A

FIG.6B

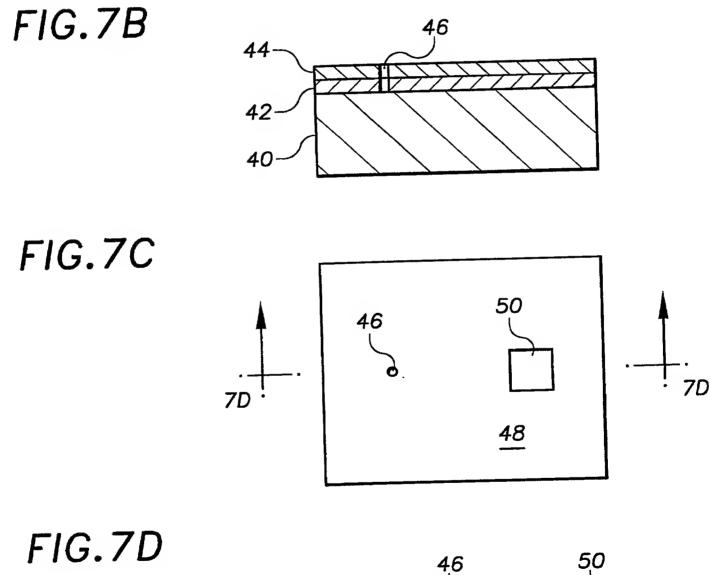
FIG. 7A

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46

44

FIG. 7B



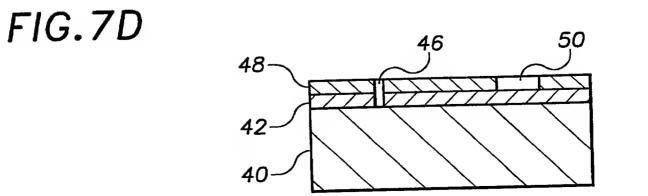


FIG.8

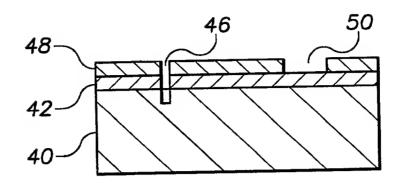


FIG.9

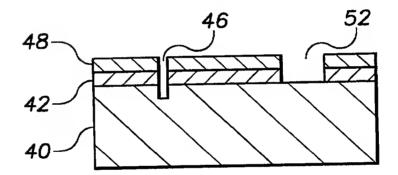


FIG. 10

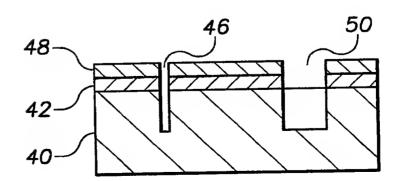


FIG. 11A

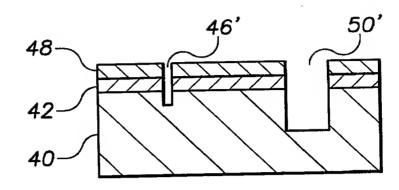


FIG. 11B

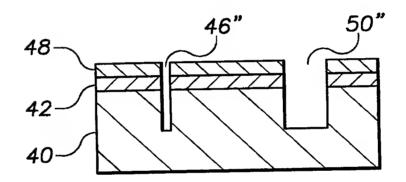


FIG. 11C

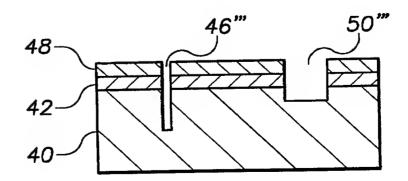


FIG. 12A

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61

12B

62

12B

FIG. 12B

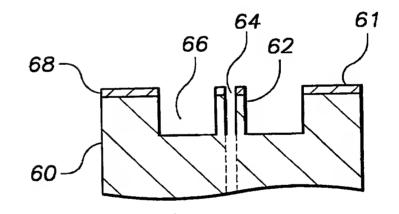


FIG. 13A

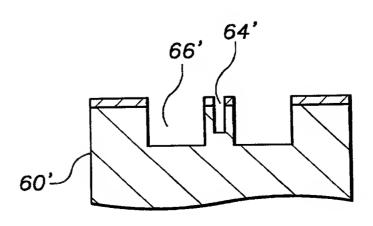


FIG. 13B

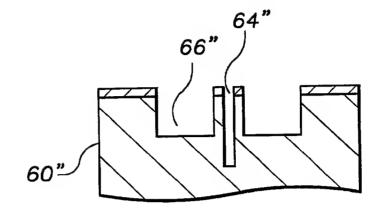


FIG. 15

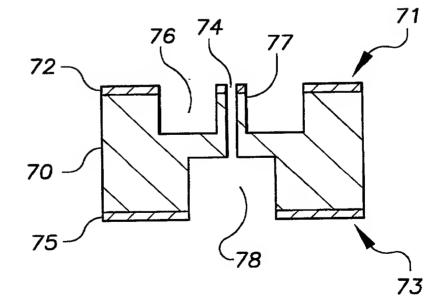
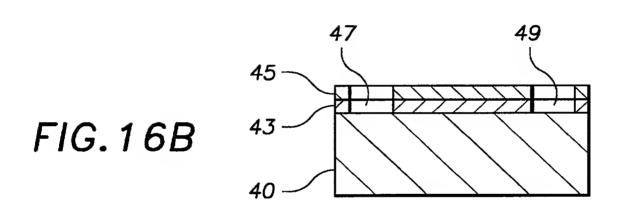
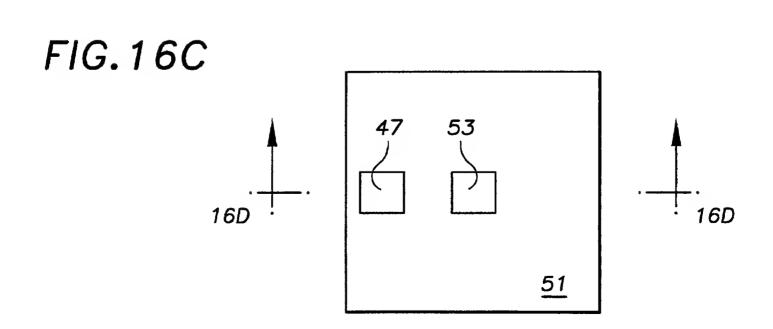


FIG. 14

FIG. 16A

47
49
16B
16B





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FIG. 16D

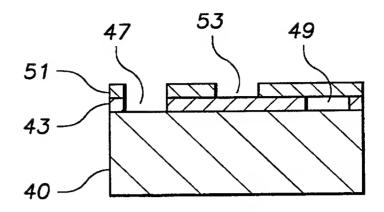


FIG. 16E

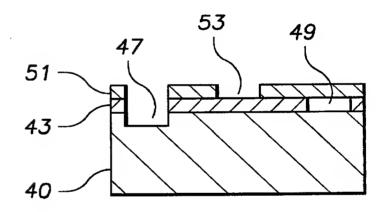


FIG. 16F

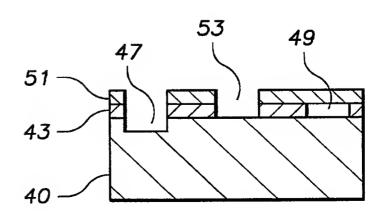


FIG. 16G

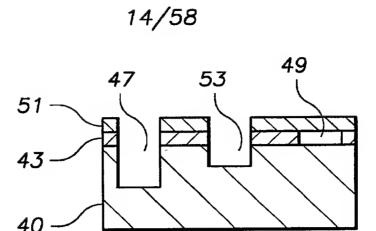


FIG. 16H

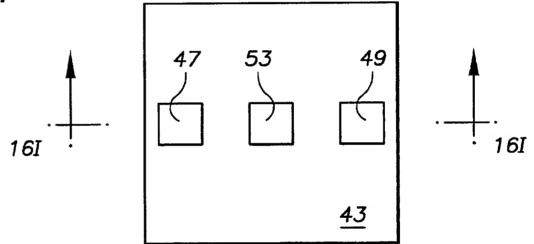
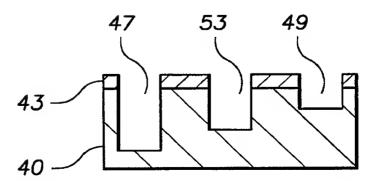


FIG. 16I



. .

FIG. 17

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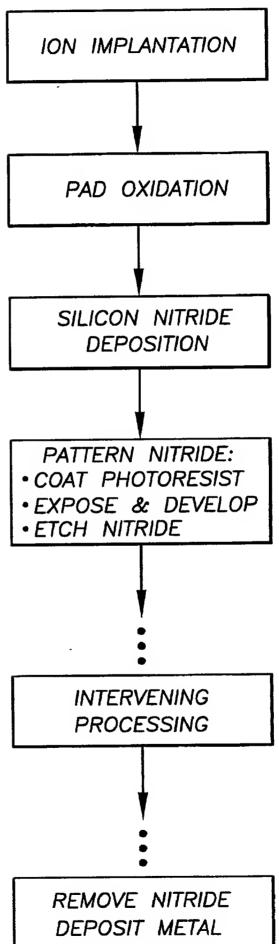


FIG.18

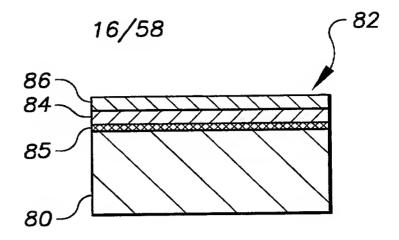


FIG.19

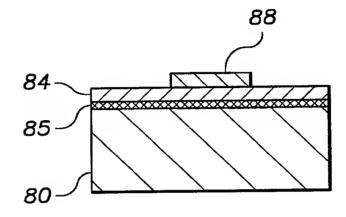


FIG.20

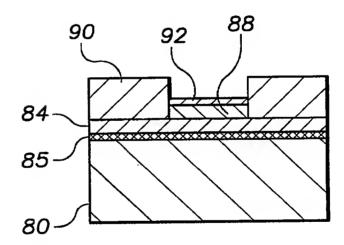
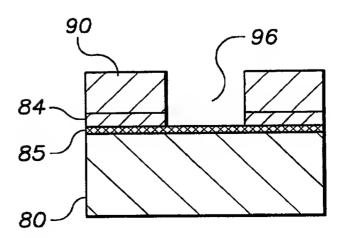
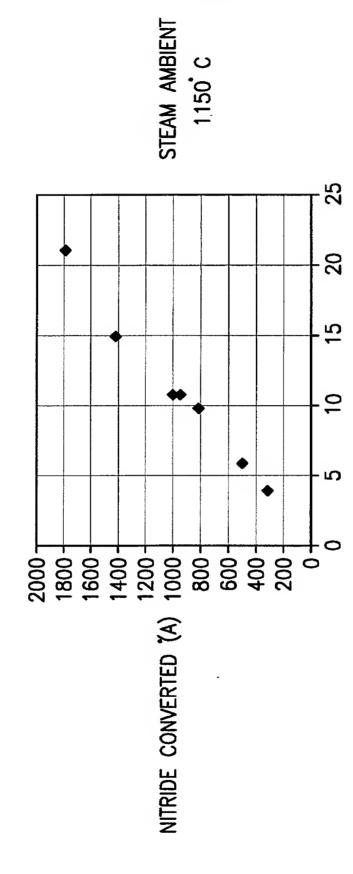


FIG.22A



NITRIDE OXIDIZED (A)



OXIDATION TIME (h)

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FIG.22B

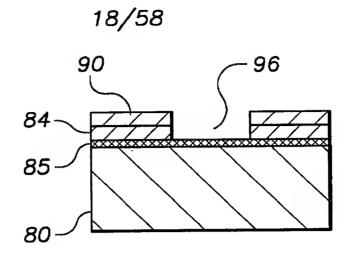


FIG.22C

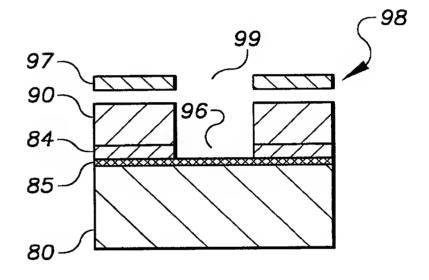
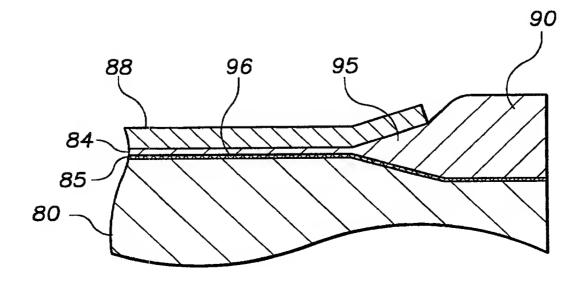
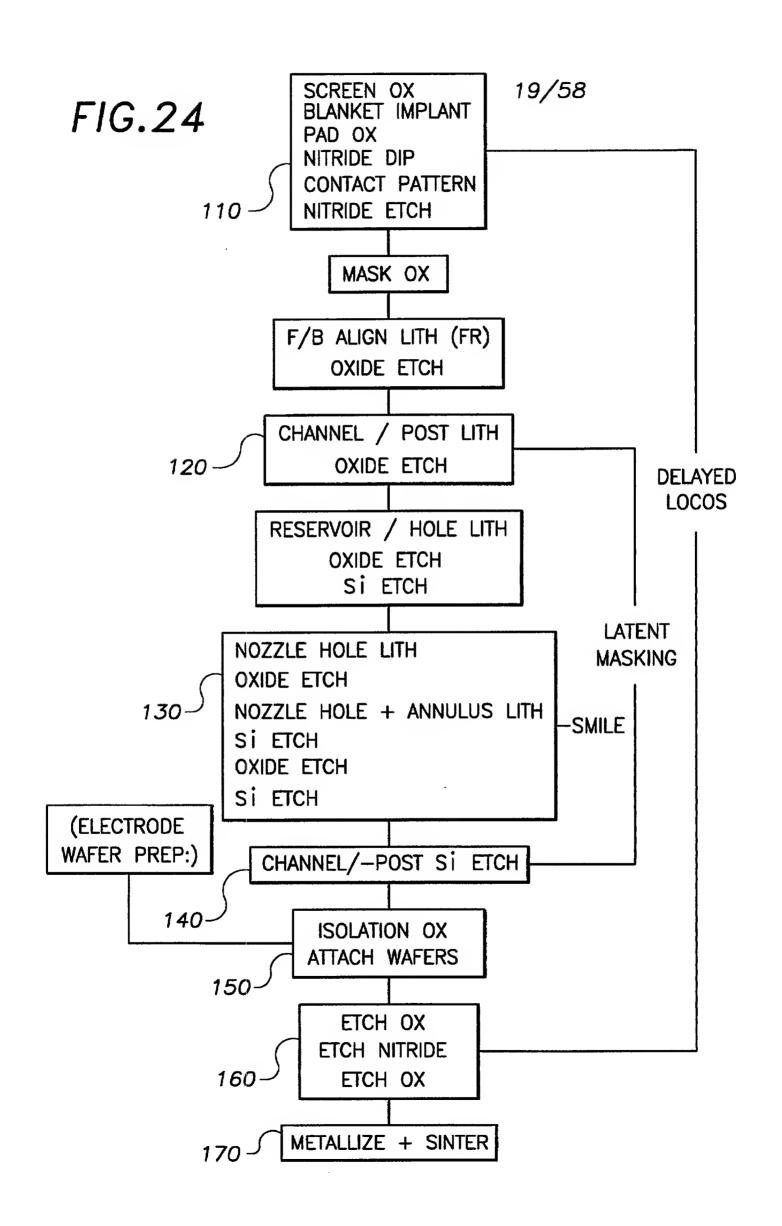
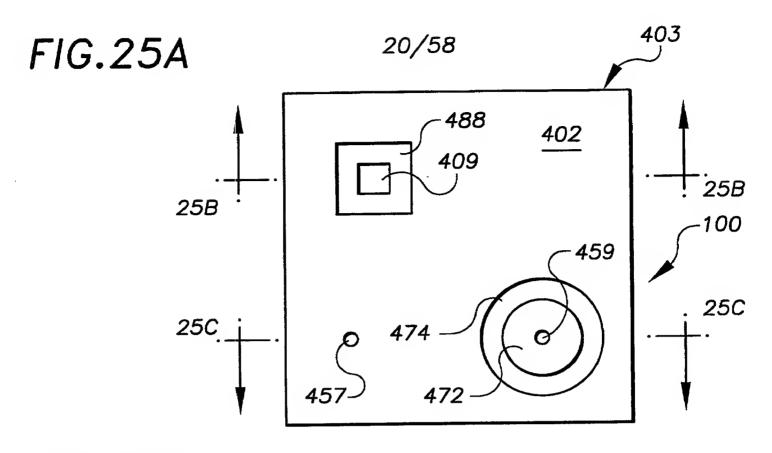
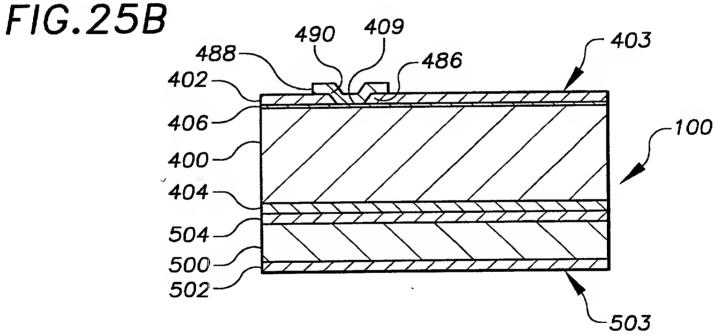


FIG.23









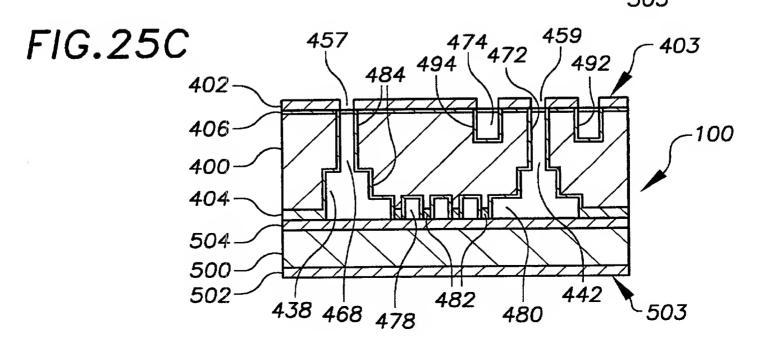


FIG.26A

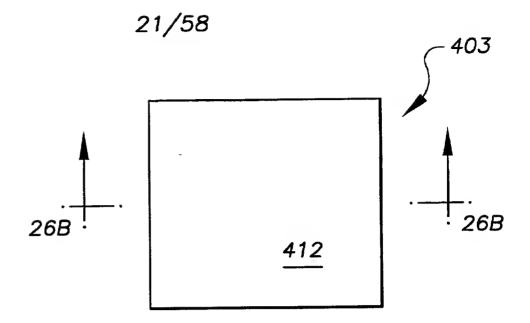


FIG.26B

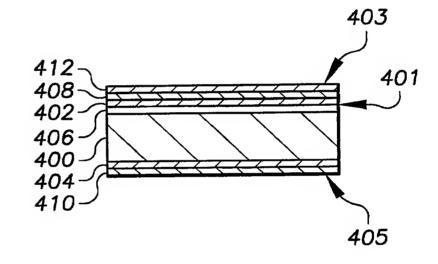
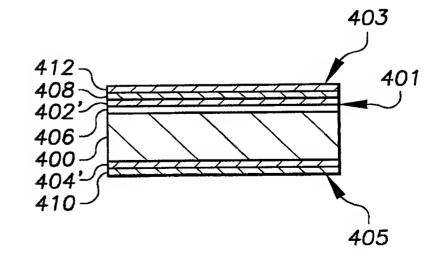
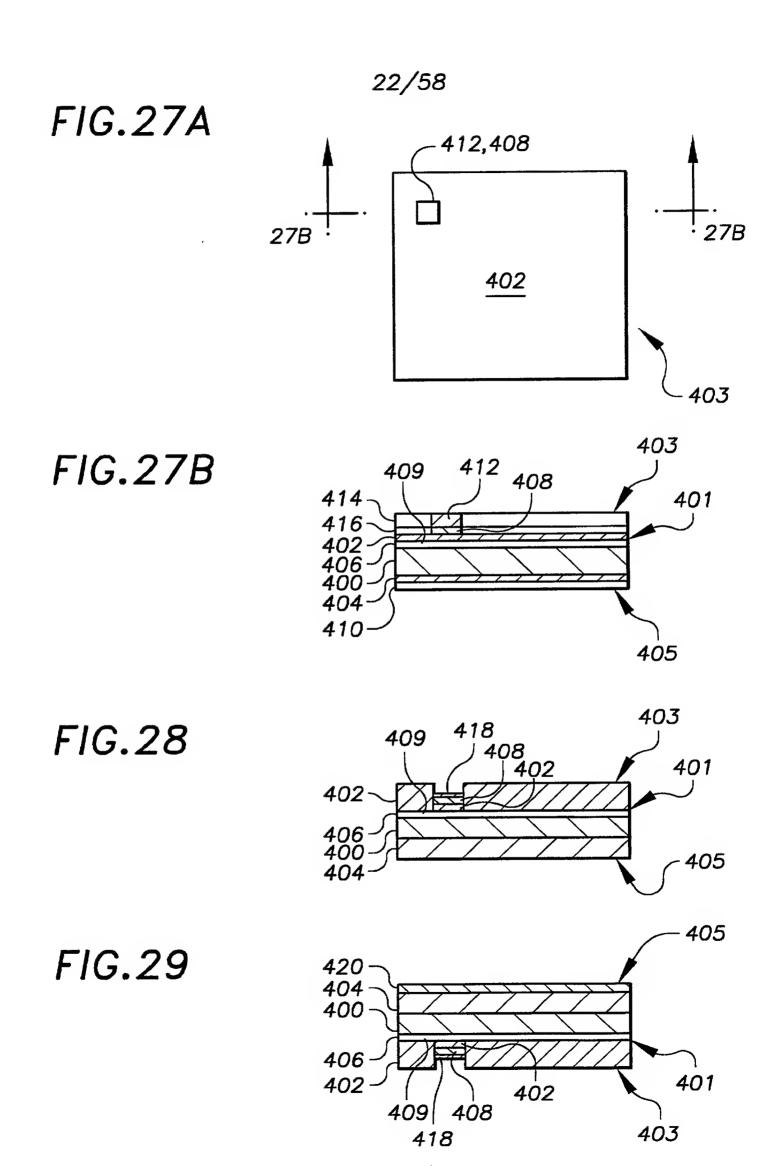


FIG.26C





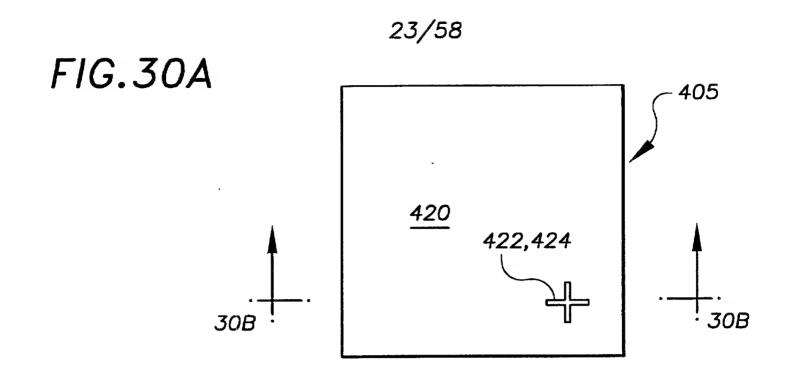


FIG.30B

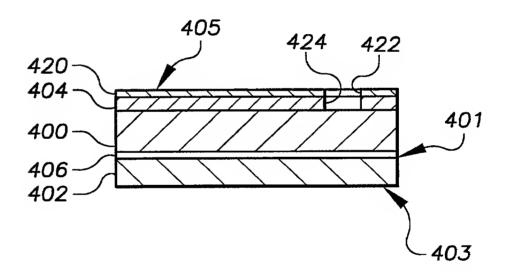
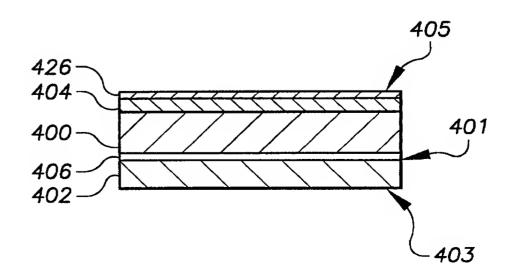


FIG. 31



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FIG. 32A

425,430 426
427,431
426,429 428,433
426,424

FIG.32B

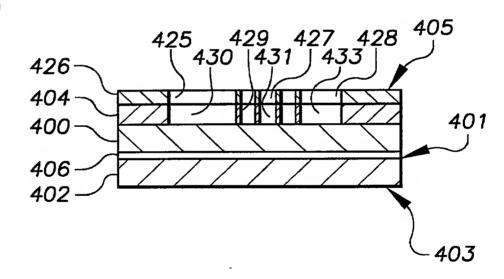
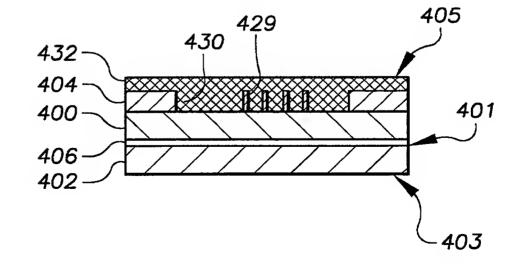
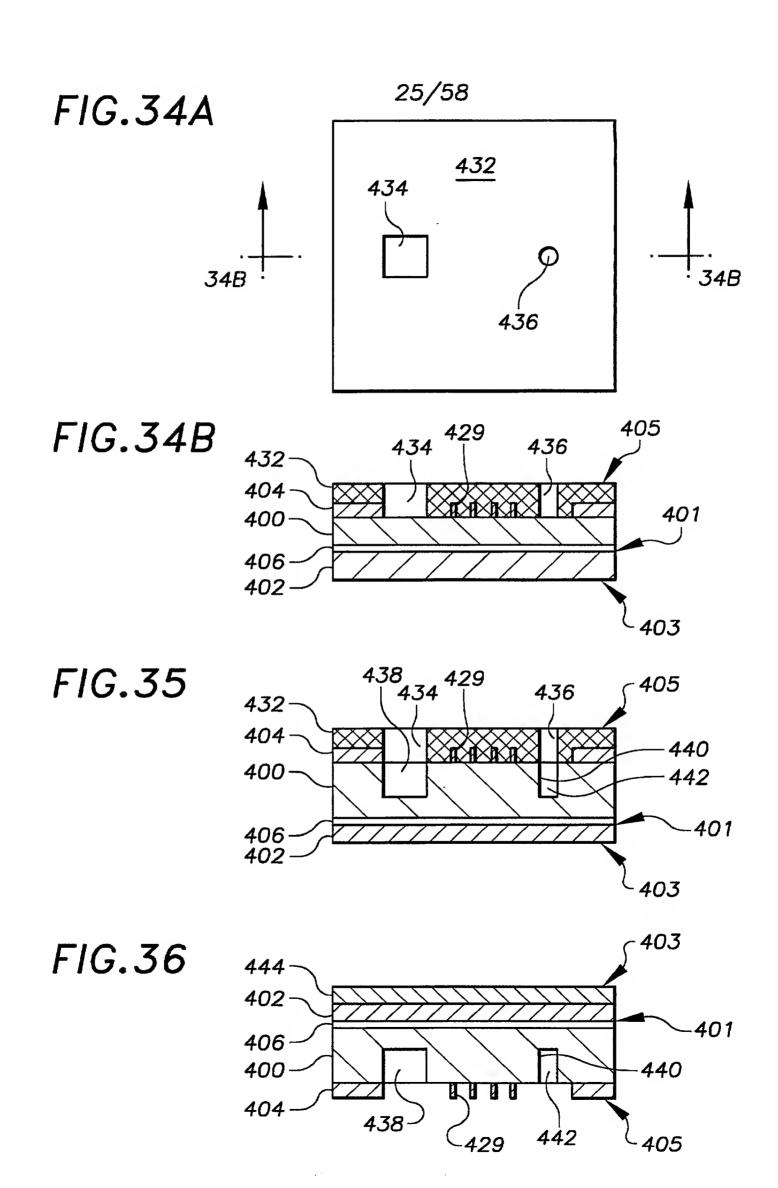


FIG.33



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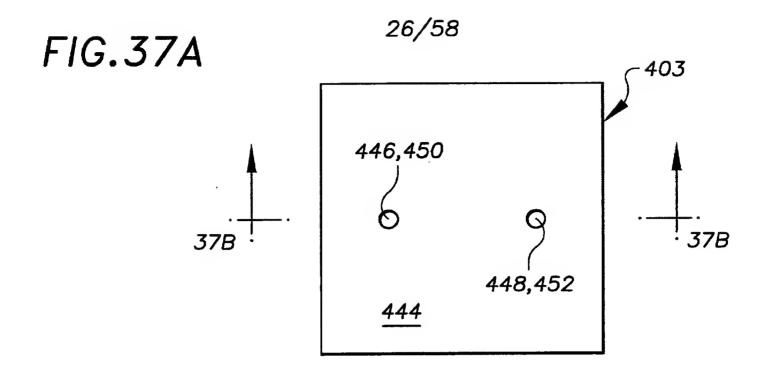


FIG.37B

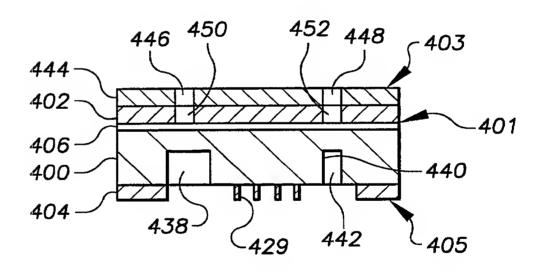
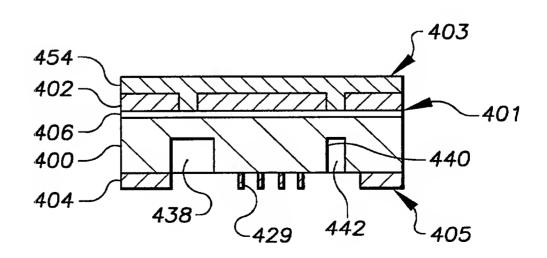


FIG.38



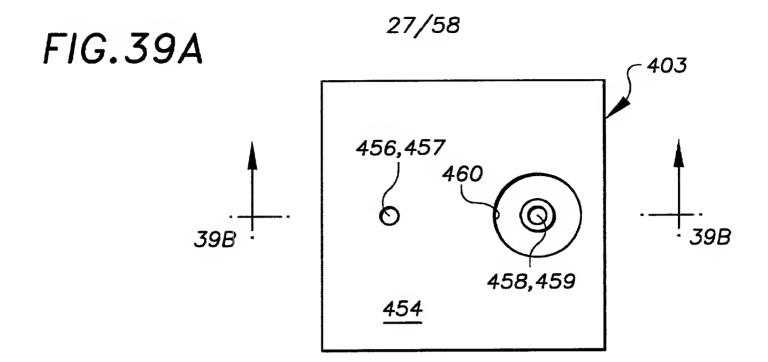
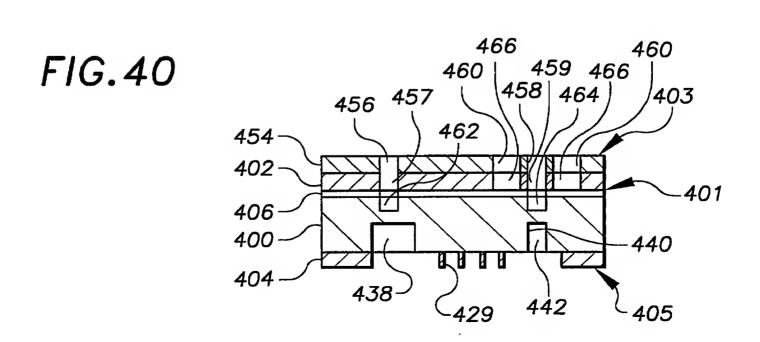


FIG.39B

454
402
406
400
404
404
404
404
405



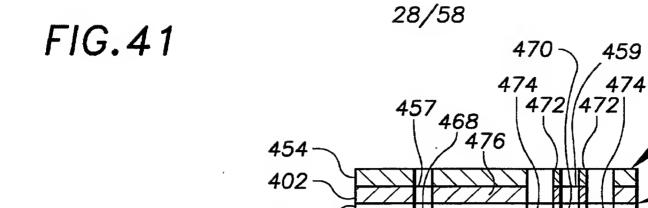


FIG.42A

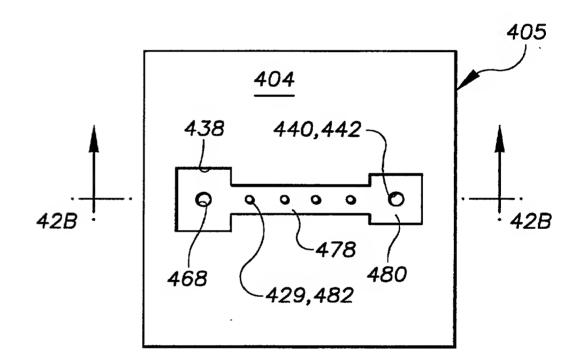


FIG.42B

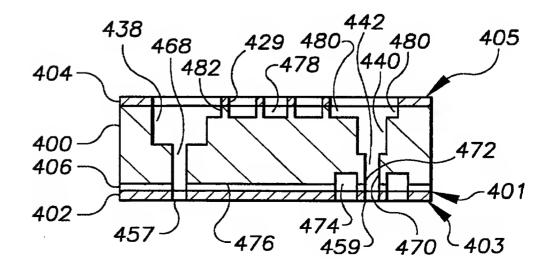
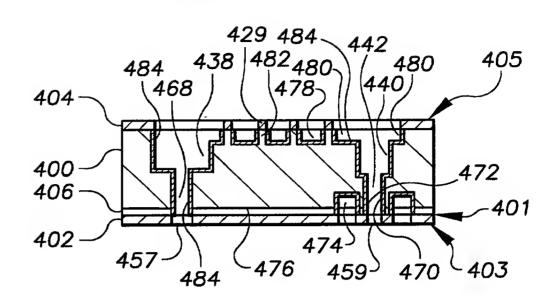
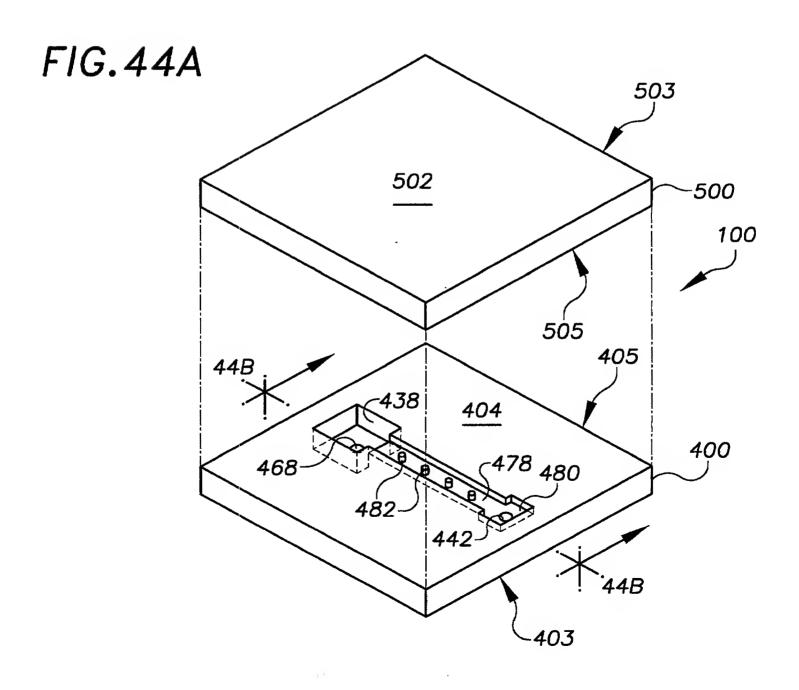


FIG. 43

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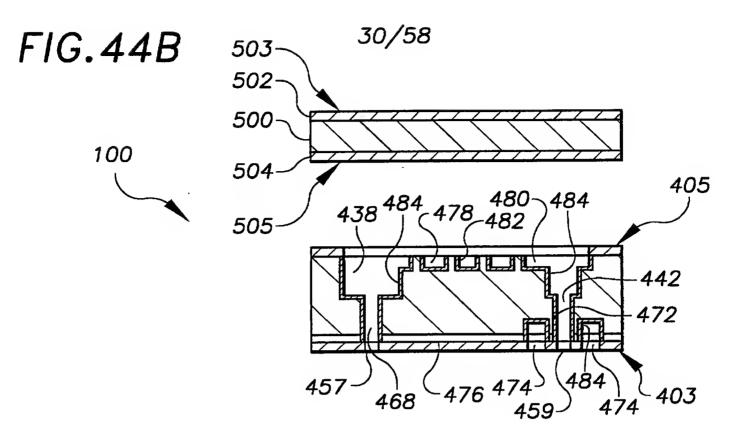
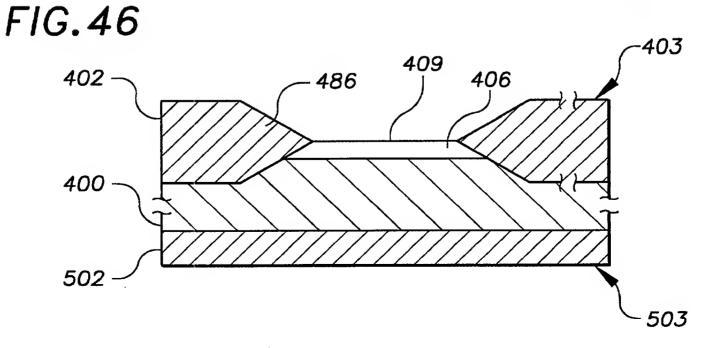
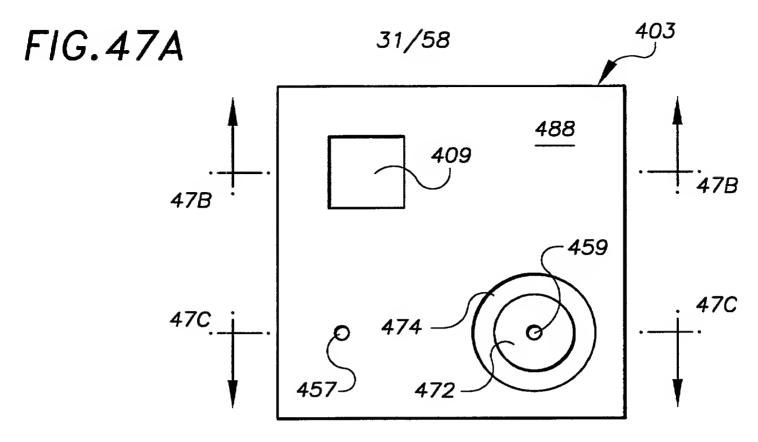
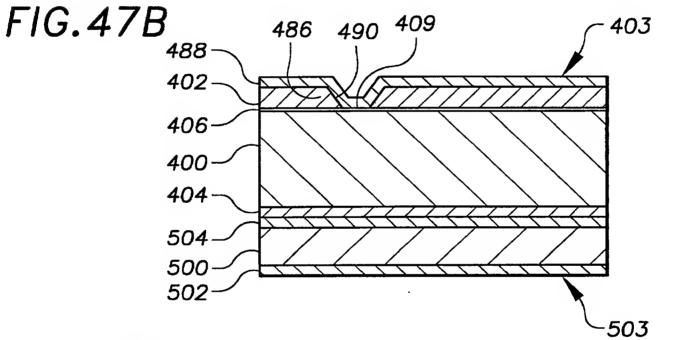


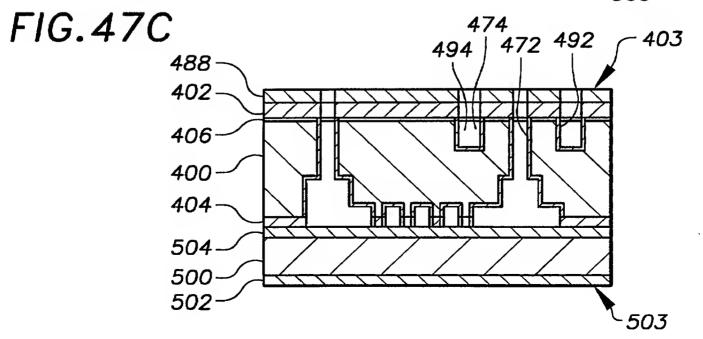
FIG. 45

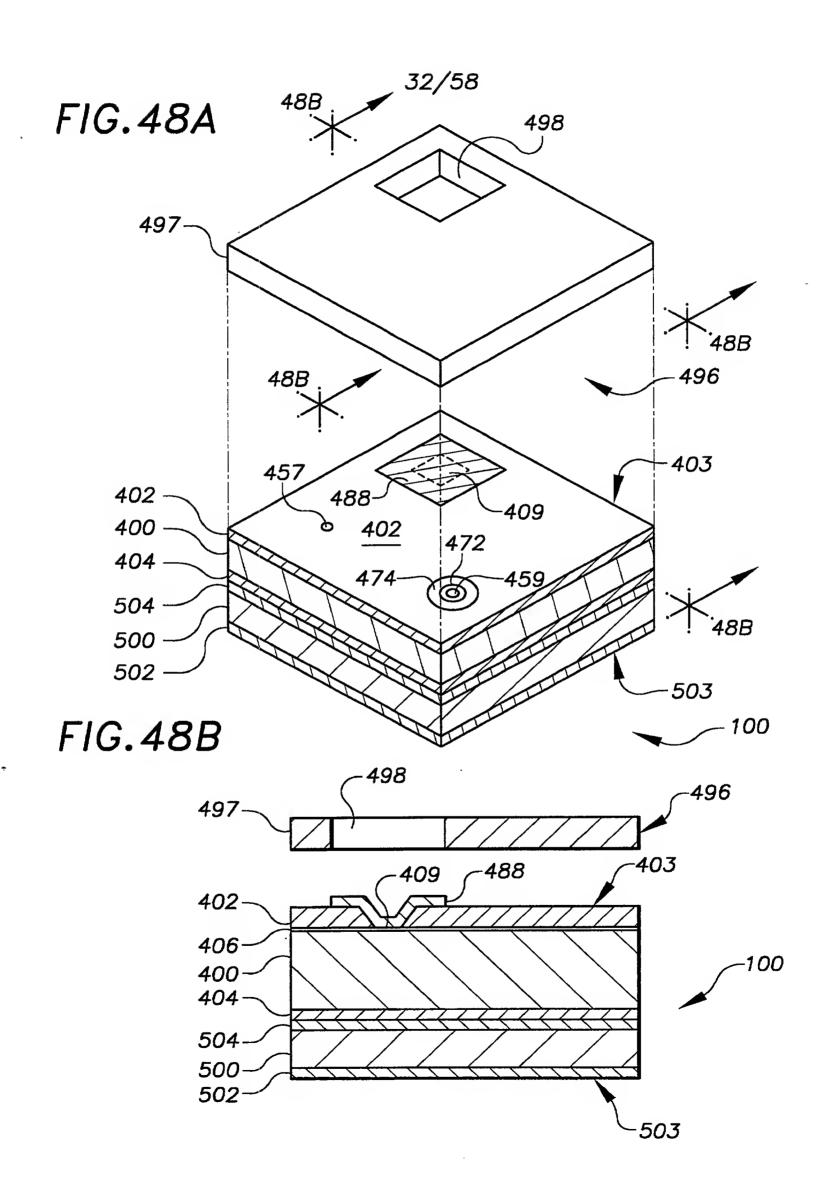
402
406
400
404
504
500
502











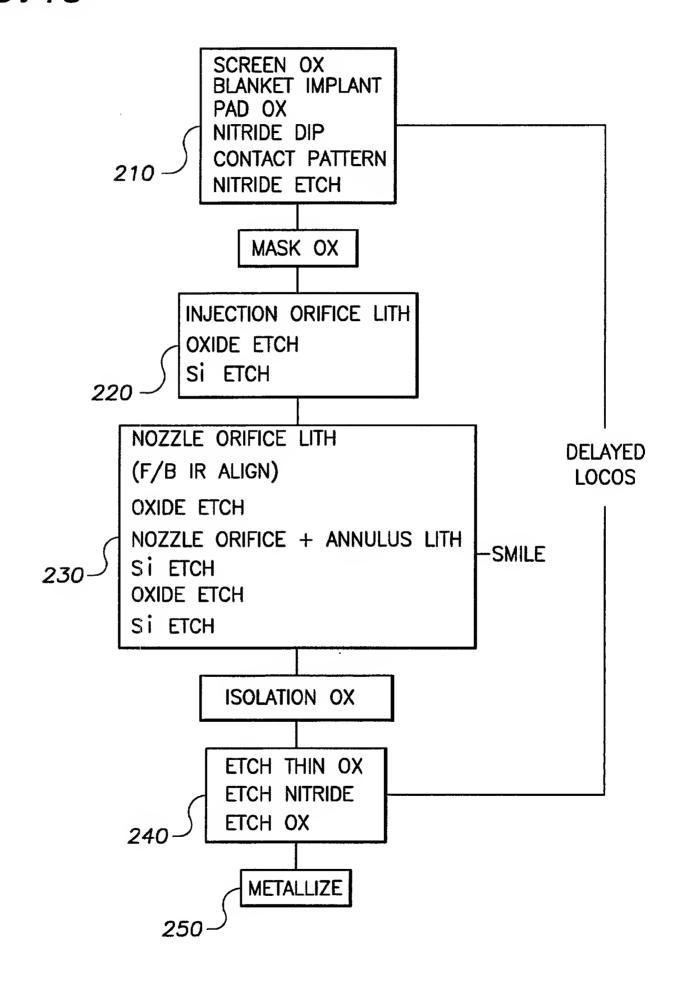


FIG.50A

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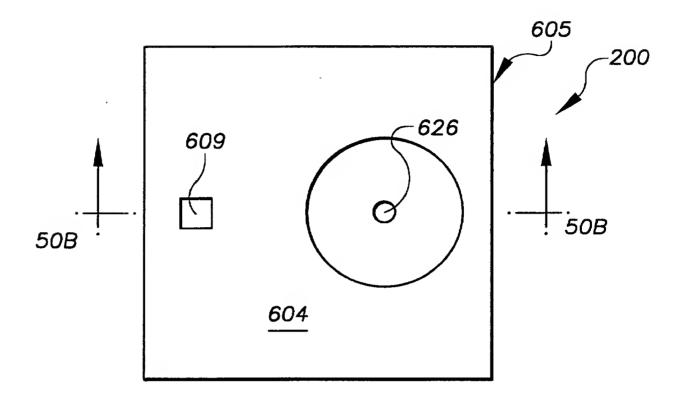
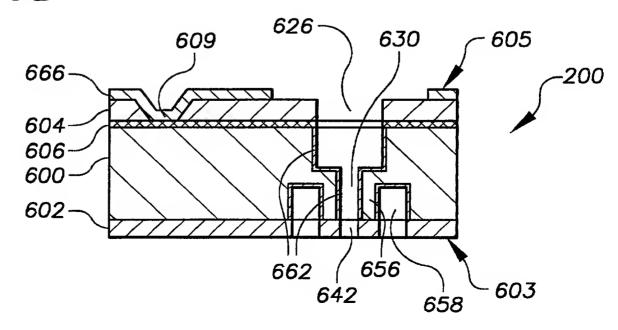
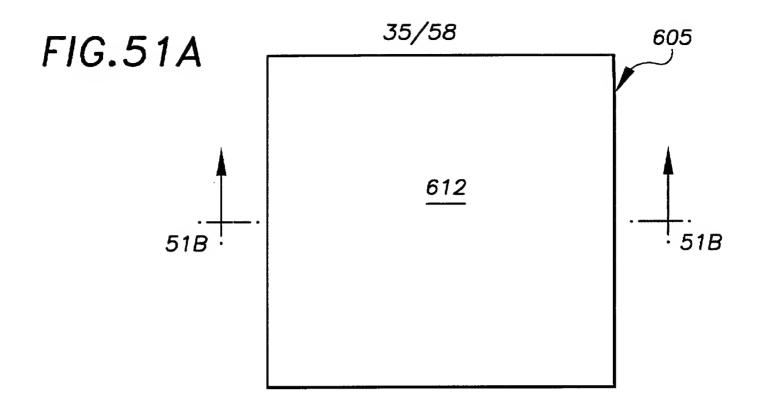
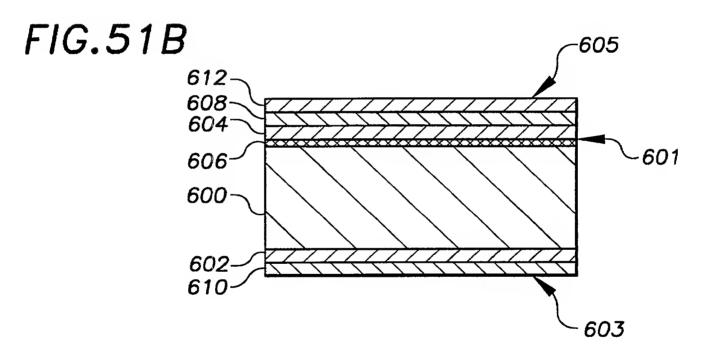
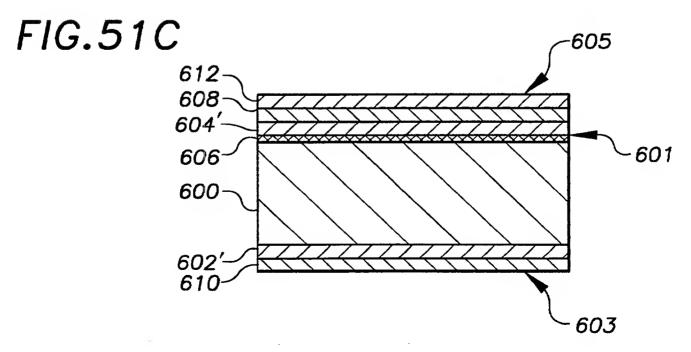


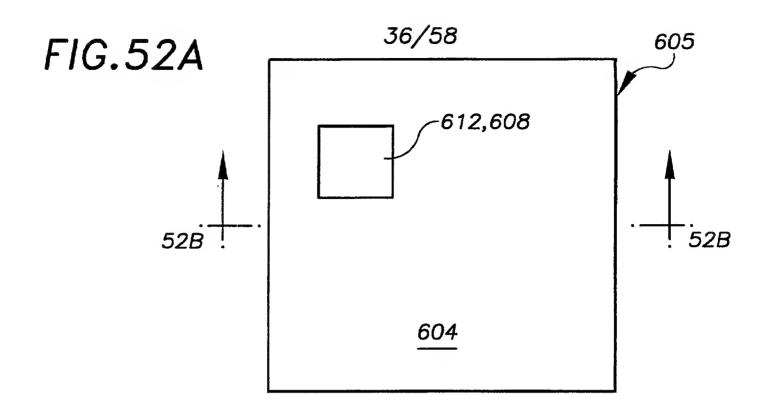
FIG.50B

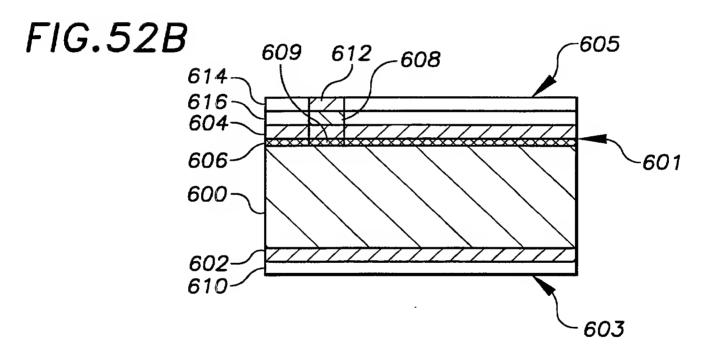


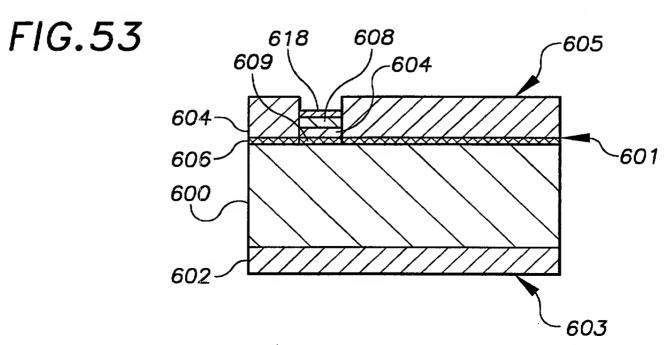


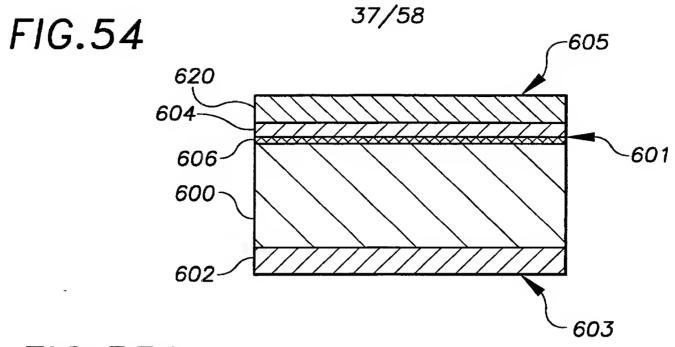




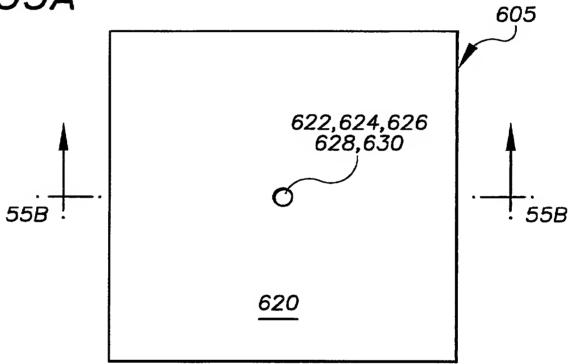


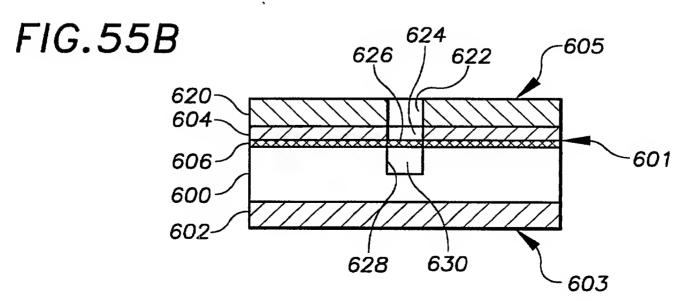


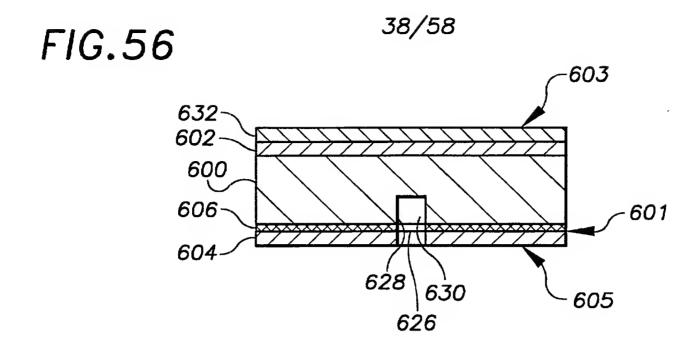


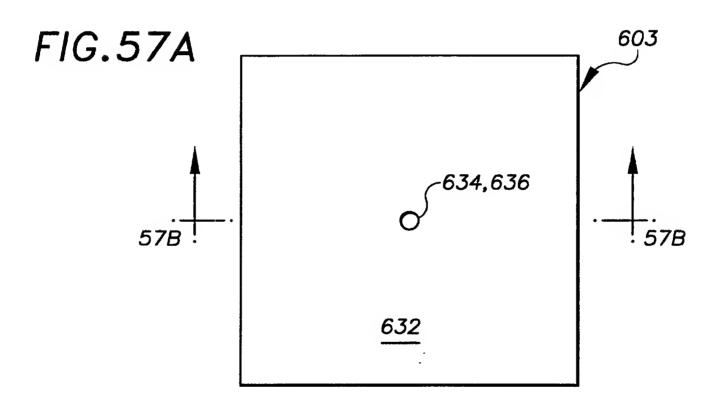


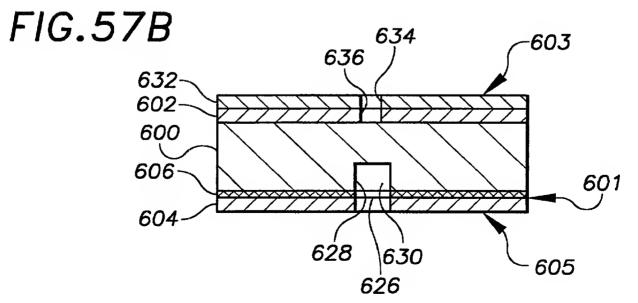












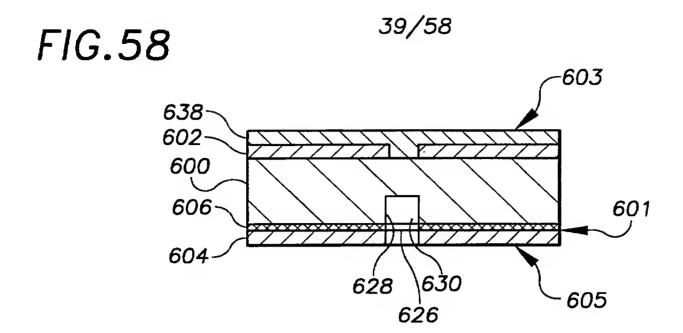
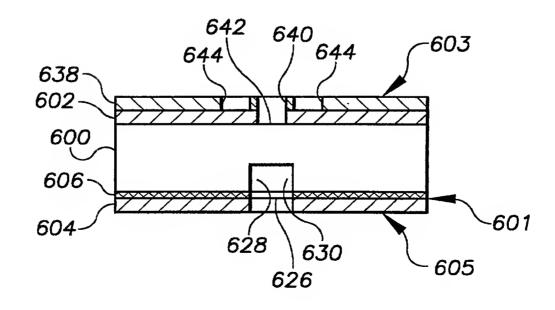
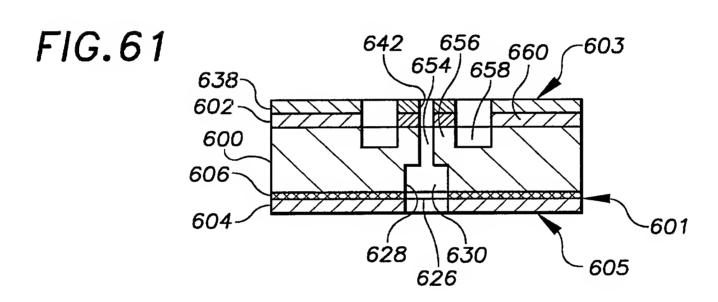


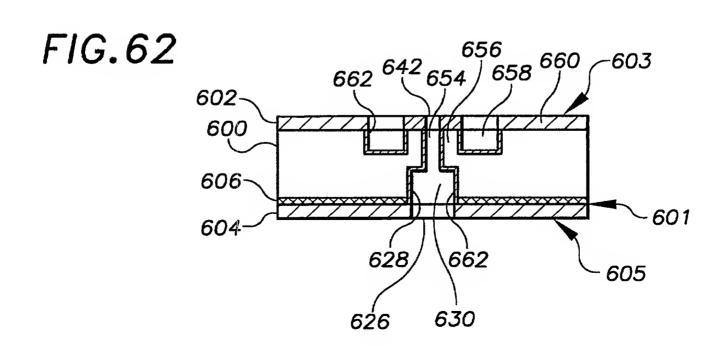
FIG.59A

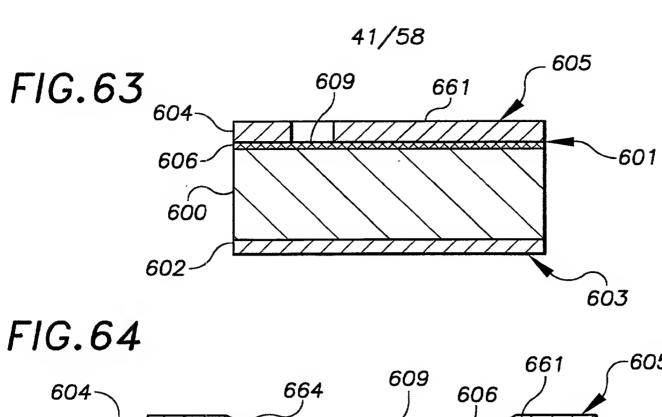
638
644
640,642

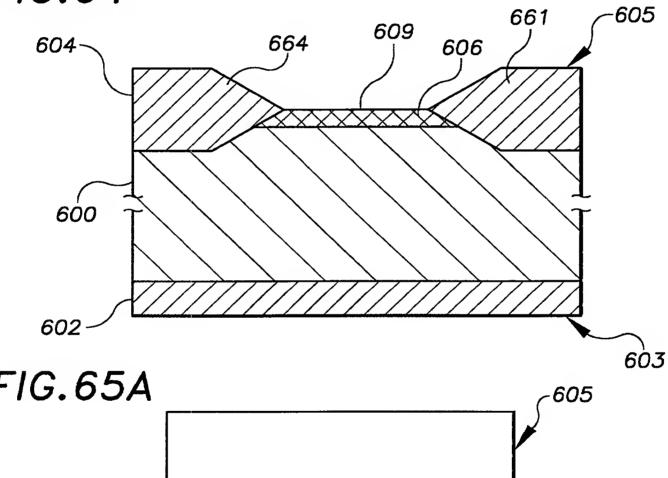
FIG. 59B

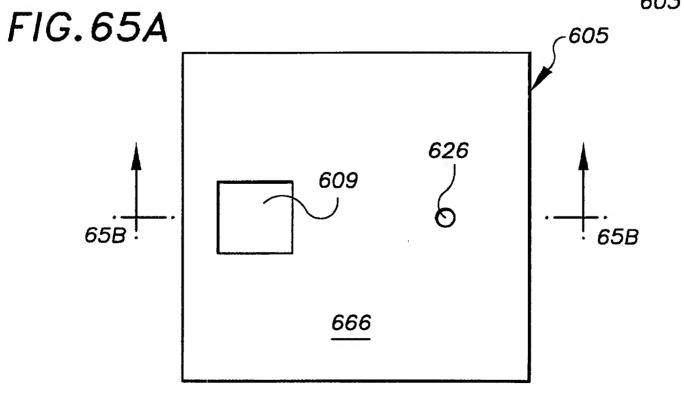












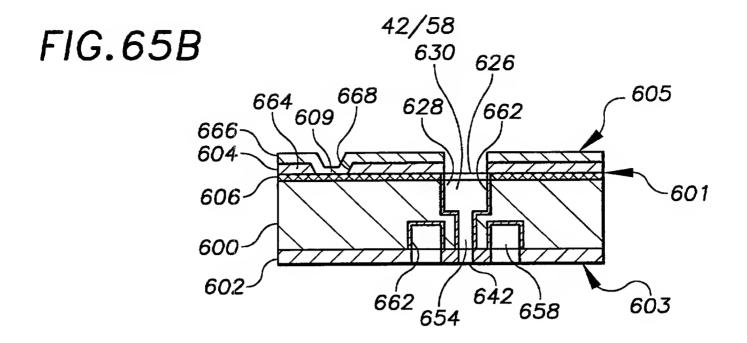


FIG. 66 *6*2

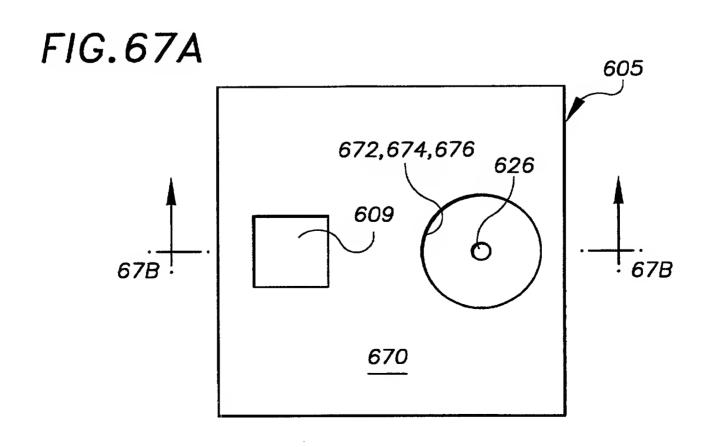


FIG.67B

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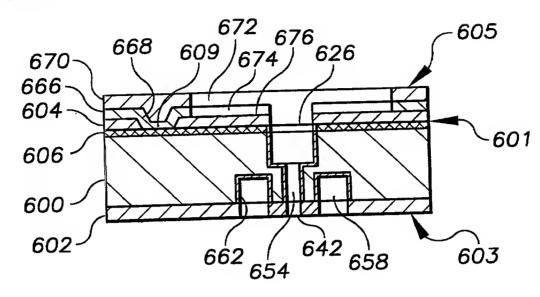
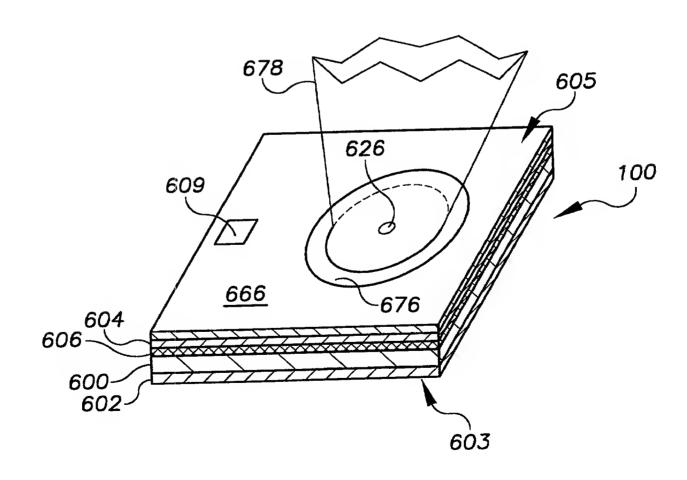
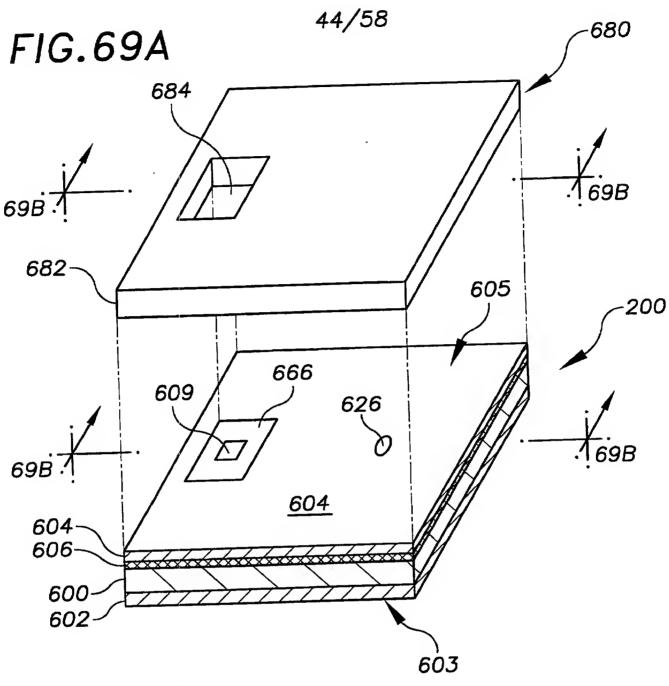


FIG.68





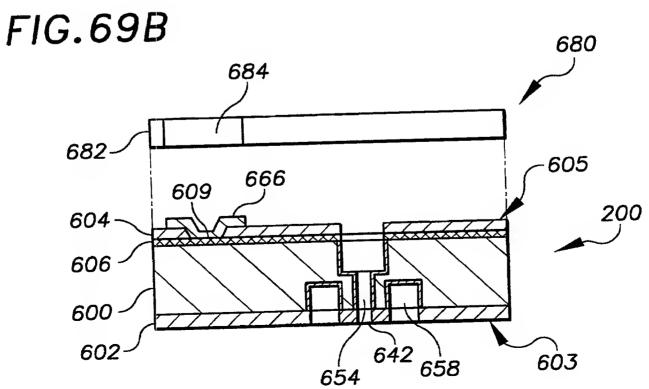


FIG.70



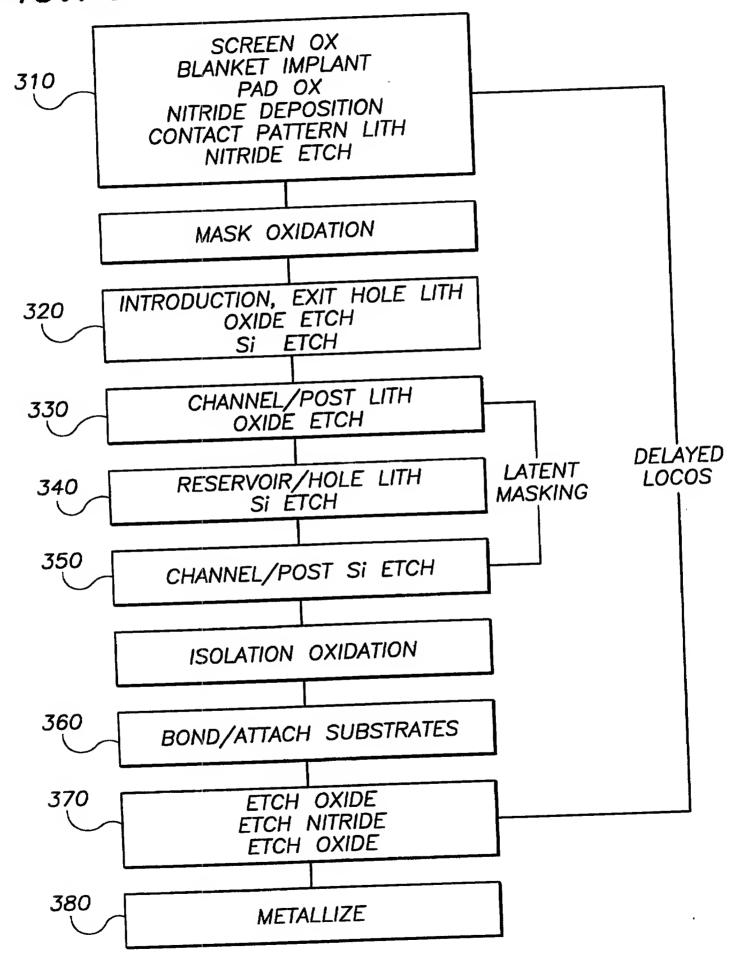


FIG.71A

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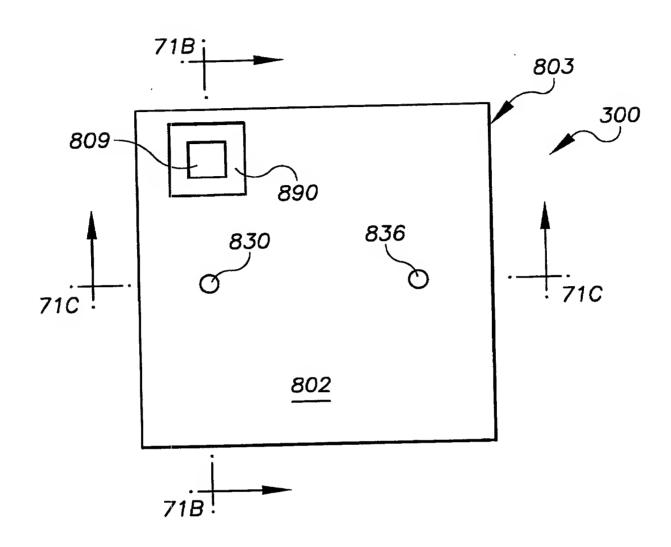
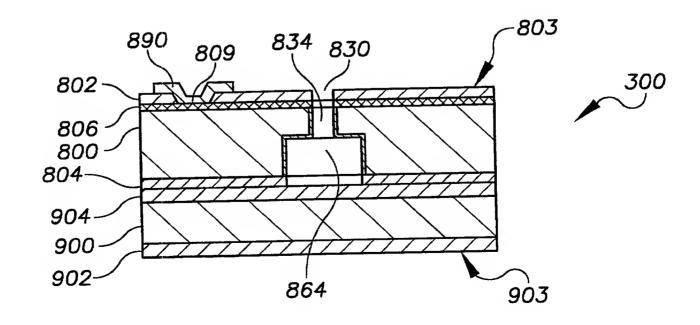


FIG. 71B



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FIG. 71C

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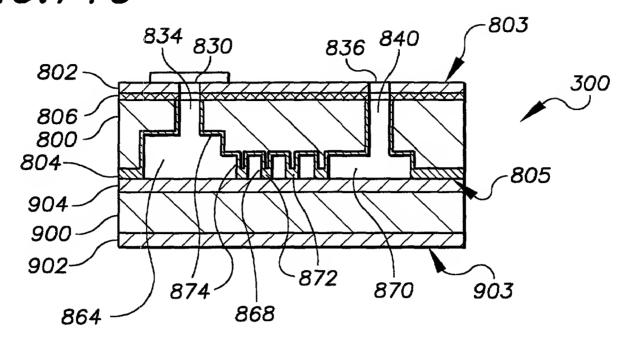


FIG.72A

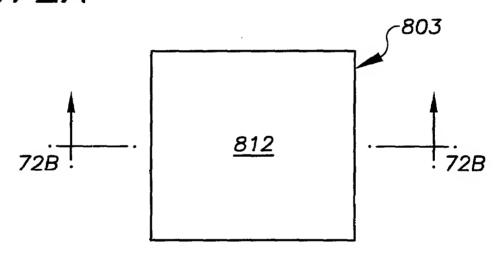
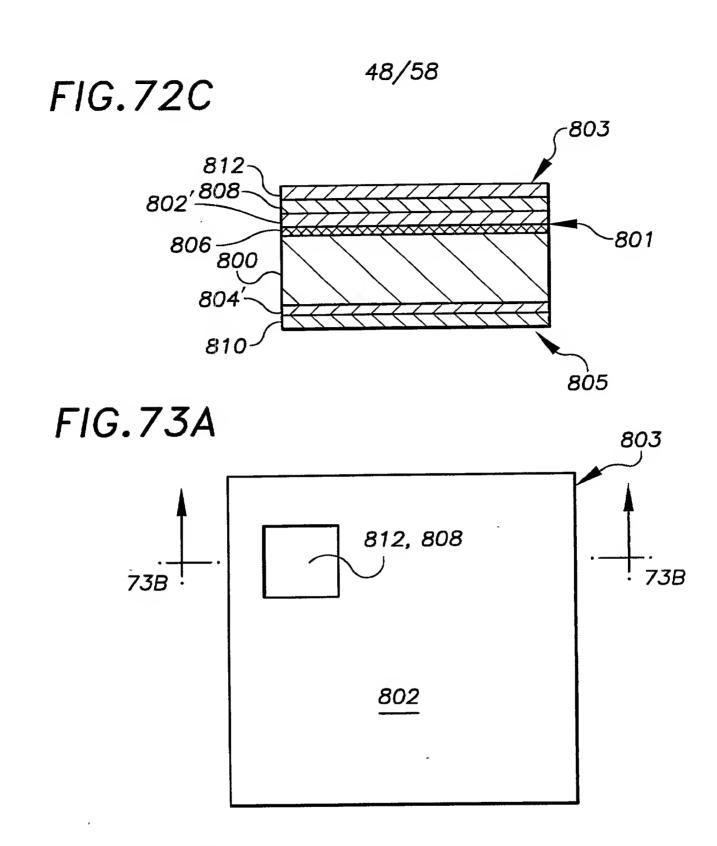
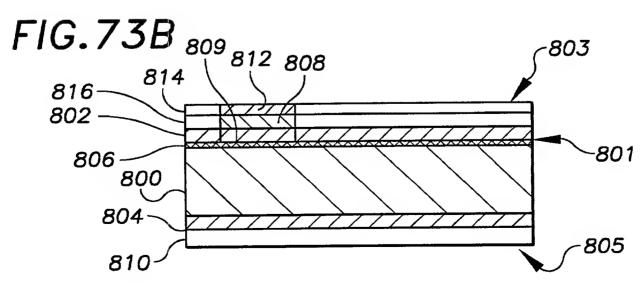


FIG. 72B

812
808
806
800
804
810





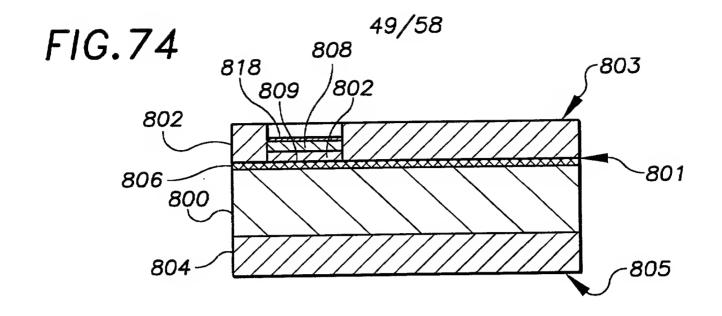


FIG. 75

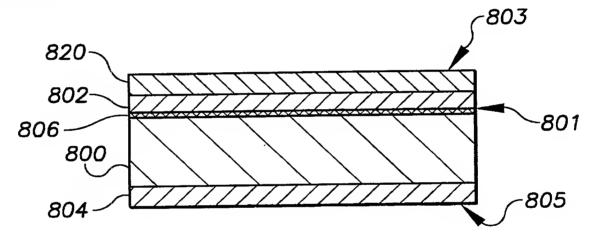
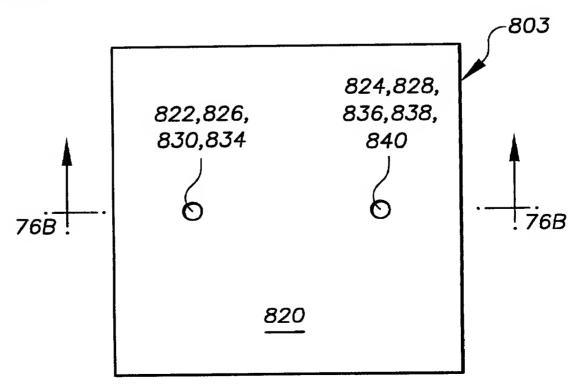


FIG.76A



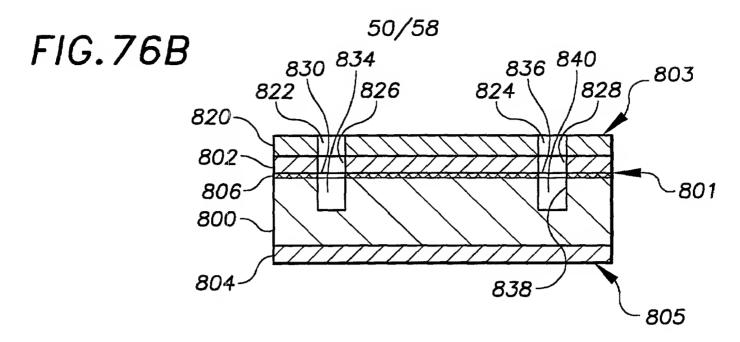


FIG.77

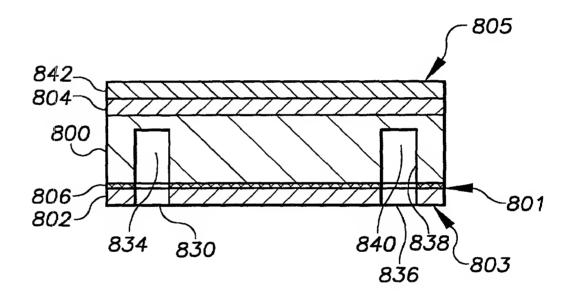
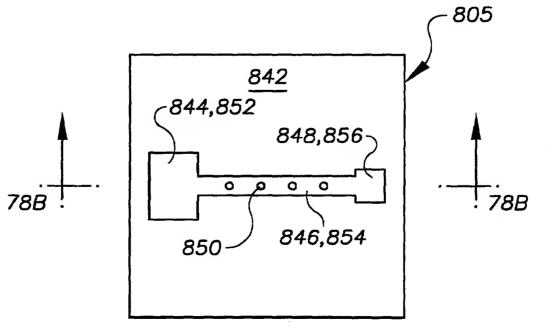


FIG.78A





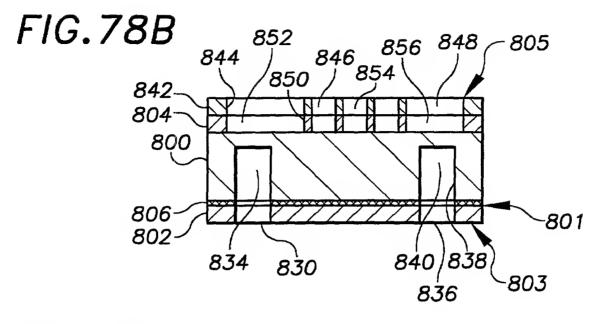


FIG. 79

858
804
800
806
802
834
830
838
838

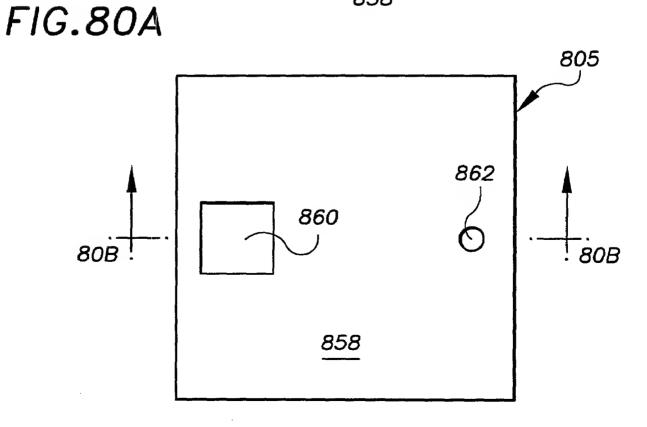


FIG.80B

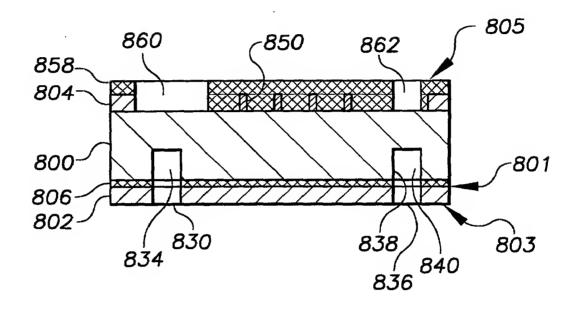
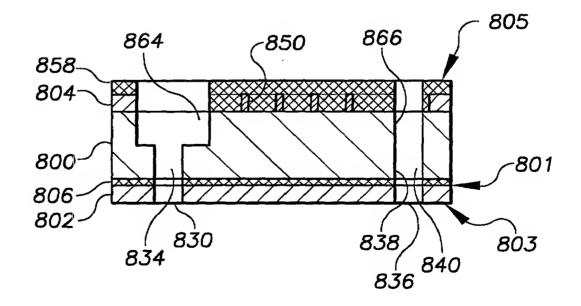


FIG.81



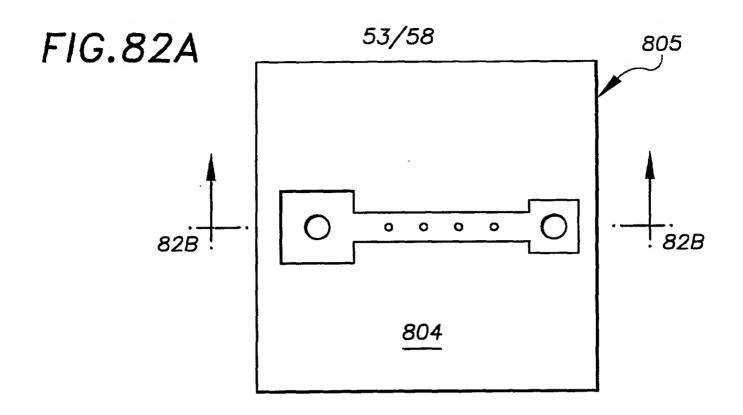


FIG.82B

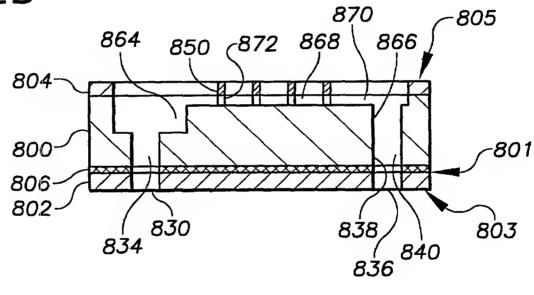
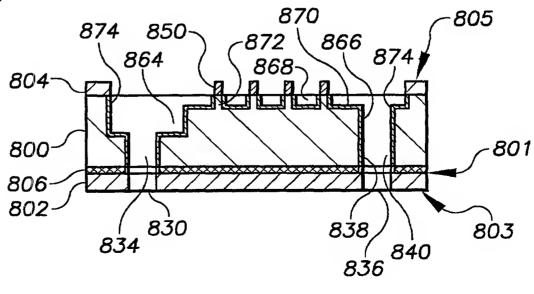
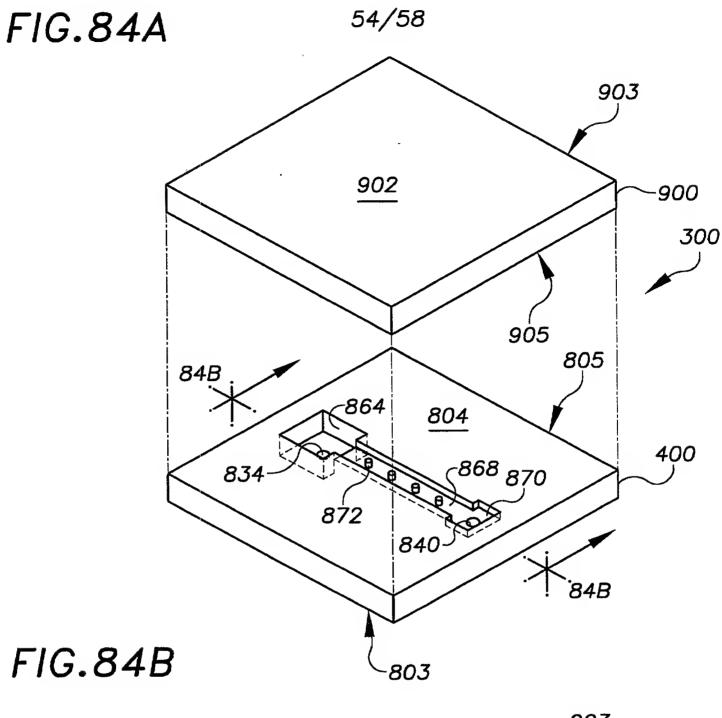


FIG.83





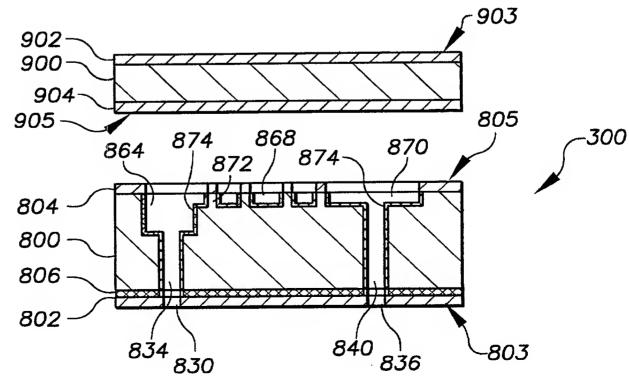


FIG.85

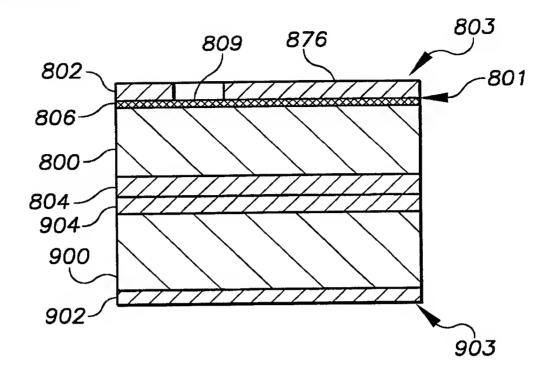


FIG.86

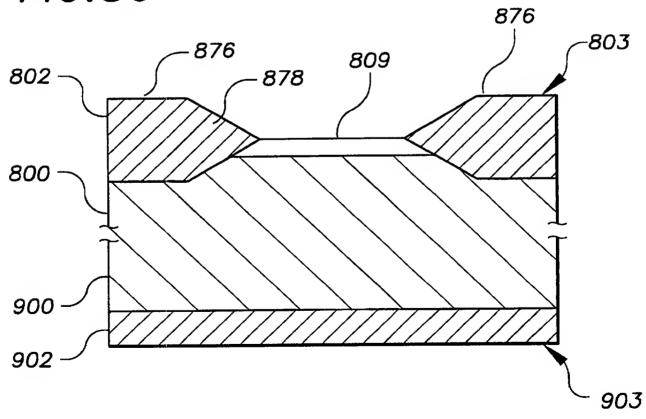


FIG.87A

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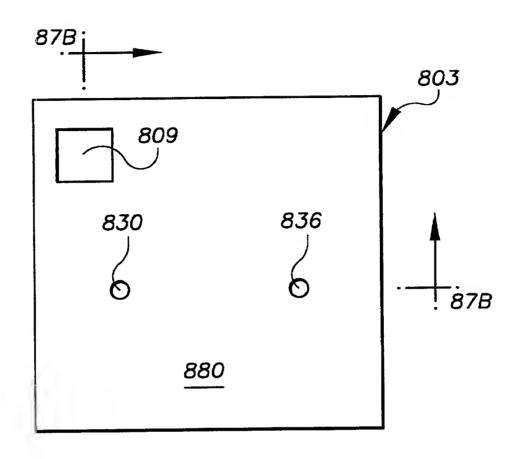


FIG.87B

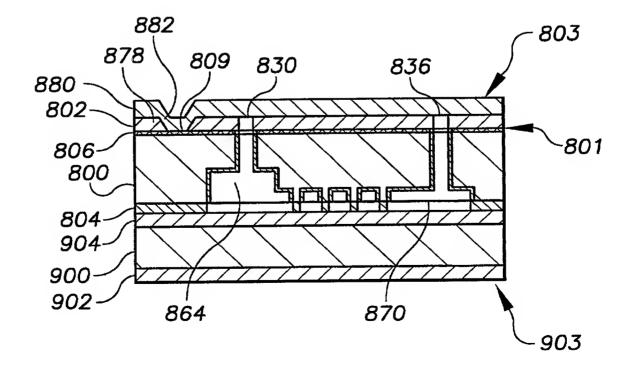


FIG.88A

88B

890

809

830

836

802

FIG.88B

88B

